

Industrial accidents in construction work in Japan in 1999-2020

construction work industry Code No.0302

Type of accidents in construction work in 1999-2020

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
fall from height	6,805	6,730	6,443	6,068	5,794	5,857	5,597	5,514	4,897	4,409	3,689	3,528	3,870	4,052	3,984	3,975	3,548	3,428	3,322	3,313	3,309	2,974
falling to same level	1,357	1,342	1,265	1,223	1,162	1,166	1,143	1,185	1,118	992	813	821	889	915	904	1,010	831	791	819	865	830	889
crash	823	754	716	636	624	608	563	584	584	474	400	442	436	399	437	440	394	377	362	345	367	372
struck by flying or falling object	1,668	1,688	1,686	1,511	1,409	1,459	1,353	1,353	1,202	1,159	916	847	935	975	1,037	884	819	733	769	756	789	717
collapse	414	426	401	454	390	342	361	384	395	313	245	248	294	274	300	285	229	265	246	237	262	230
crashed by	591	574	606	608	517	488	481	500	489	411	313	351	340	366	328	347	360	308	298	355	335	286
caught in/between	1,365	1,373	1,370	1,264	1,161	1,127	1,089	1,095	1,033	907	791	725	831	806	860	811	748	746	678	771	736	740
cut	2,814	2,677	2,535	2,427	2,226	2,015	1,841	1,721	1,544	1,422	1,190	1,189	1,162	1,156	1,177	1,062	953	945	828	814	783	792
injury to the sole of the foot	140	116	154	118	134	124	120	119	120	78	68	78	90	103	79	95	75	68	65	77	66	71
drown	3	2	0	-	2	1	1	1	0	2	2	0	51	0	0	0	0	0	2	2	0	0
contact to high/low-	97	83	109	105	103	152	106	103	99	87	57	131	133	110	116	125	106	106	102	162	105	140

temperature																						
contact to harmful substance	33	40	47	44	59	42	58	69	37	42	27	30	45	37	25	36	41	46	36	49	41	27
electric shock	21	24	17	28	17	24	20	18	19	18	15	16	16	23	11	17	13	10	8	17	17	13
explosion	12	5	21	6	4	5	4	8	11	2	5	9	1	5	4	4	6	0	3	3	2	4
burst	3	3	4	8	4	6	3	6	4	1	2	1	2	4	3	4	2	1	3	2	3	5
fire	14	9	16	20	11	6	4	12	14	9	9	10	3	7	5	7	8	8	5	22	6	5
traffic accident (public road)	335	344	282	341	299	296	300	325	242	275	192	227	284	263	260	322	264	276	244	259	240	266
traffic accident (others)	7	4	3	2	2	2	2	4	5	1	1	2	2	2	2	2	0	1	2	4	2	0
reaction to motion/improper motion	777	759	790	664	674	609	597	615	657	585	515	515	505	468	485	486	467	433	478	459	491	503
others	62	65	60	42	71	63	50	52	56	51	33	37	65	50	47	37	40	21	34	34	30	157
unclassifiable	19	19	13	12	10	12	10	26	13	7	7	1	4	6	5	6	5	6	2	8	3	3
total	17,360	17,037	16,538	15,581	14,673	14,404	13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194

Causal agents (middle) of industrial accidents in construction work in 1999-2020

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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engine	4	5	2	1	5	3	3	2	3	7	2	2	1	5	5	2	2	5	3	3	1	3
power transmission mechanism	9	6	11	5	16	5	6	4	10	7	4	3	4	7	4	3	7	6	3	4	5	4
woodworking machine	1,965	1,872	1,737	1,586	1,512	1,323	1,168	1,074	1,001	938	768	686	701	666	676	578	480	469	426	416	403	388
construction machine	416	492	429	452	379	426	438	441	400	342	329	321	384	372	370	404	360	354	320	394	349	323
metal manufacturing machine	369	376	378	382	344	318	316	317	280	285	248	250	258	254	219	239	209	199	213	200	192	179
general machine	327	321	316	302	257	275	256	243	226	192	198	189	194	156	185	170	180	178	127	135	155	164
mobile silviculture machine																	2	2	2	0	1	0
crane	331	341	335	346	320	249	307	300	271	252	202	167	210	207	222	188	190	189	185	183	184	186
conveying machine	792	807	797	790	734	704	696	695	650	603	495	502	538	549	628	545	512	546	507	503	538	523
vehicle	318	293	250	276	256	255	271	273	218	212	173	197	245	234	206	293	229	218	229	210	207	238
pressure vessel	14	15	12	11	13	14	12	8	4	12	6	6	9	10	9	3	3	11	4	7	3	6
chemical facilities	5	1	0	1	1	5	1	3	6	3	1	1	0	2	0	1	2	0	0	4	1	1

centrifugal machine			0		1		0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	
mixer, grinder			26		19		28	27	14	22	14	21	15	11	22	16	13	13	15	17	17	15
roll machine (except printingroll machine)			2		1		1	2	5	2	1	1	0	0	2	0	1	1	0	2	0	1
injection molding machine			0		1		0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0
food manufacturing machine			0		1		0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0
printing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot			0		0		0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
other general power machines			288		234		227	213	206	168	182	166	178	145	161	153	165	164	110	114	138	148
felling machine																2	1	2	0	1	0	
mobile logging machine																0	1	0	0	0	0	
skyline yarding machine																0	0	0	0	0	0	
other mobile silviculture machine																0	0	0	0	0	0	
crane			78		71		68	73	75	52	40	36	54	39	36	41	35	42	47	33	39	48
mobile crane			184		184		185	169	153	152	127	100	110	126	144	122	112	117	104	122	121	112
derrick crane			0		0		0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
elevator, lift			28		23		15	24	13	14	15	6	14	14	12	11	16	10	11	7	9	10

cargo lifting appliance			1		1		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
gondola			6		4		4	2	3	3	4	2	5	1	6	3	0	1	6	3	1	0
lumberyard equipment, logging cableway			0		0		0	0	1	3	0	0	1	0	0	0	0	0	0	0	0	0
simple skyline yarding equipment																0	0	0	0	0	0	
other powered crane			38		37		35	32	26	27	16	22	25	27	24	11	27	19	17	18	14	16
truck			697		660		623	624	584	547	455	459	481	497	572	498	472	504	458	451	484	468
forklift			44		32		39	38	39	27	19	24	27	29	37	24	23	25	29	35	40	37
railway equipment			0		0		0	0	1	0	0	0	5	0	1	1	2	1	0	0	1	2
conveyor			21		15		7	12	5	8	6	6	8	5	1	4	1	6	5	2	2	3
loader			1		4		3	1	3	1	0	2	0	0	3	1	1	0	1	0	2	0
straddle carrier			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
rough terrain hauler			8		2		3	4	0	4	2	0	4	2	2	4	1	1	3	2	2	4
other powered conveying machines			26		21		21	16	18	16	13	11	13	16	12	13	12	9	11	13	6	9
cars, bus, motorcycle			245		253		266	268	214	206	167	189	243	228	204	290	227	216	225	208	204	236
railway vehicle			0		0		1	1	0	0	2	1	1	1	1	0	0	0	1	0	0	1
other vehicles			5		3		4	4	4	6	4	7	1	5	1	3	2	2	3	2	3	1
boiler			3		3		3	2	1	1	1	1	0	2	1	1	0	2	0	3	0	0
pressure vessel			1		2		1	0	0	1	0	1	2	2	2	0	1	0	0	0	1	0

other pressure vessels			8		8		8	6	3	10	5	4	7	6	6	2	2	9	4	4	2	6
chemical facilities			0		1		1	3	6	3	1	1	0	2	0	1	2	0	0	4	1	1
gas welding equipment			15		13		13	6	14	5	4	13	10	6	7	7	6	6	7	20	10	5
arc welding equipment			13		8		2	1	7	6	5	6	2	3	5	9	9	4	4	6	3	3
other welding equipment			2		2		2	0	3	4	2	0	0	2	1	0	2	2	1	1	0	0
kiln, caldron			6		4		7	6	3	1	2	2	4	1	1	2	3	0	3	1	2	5
industrial dryer			0		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
other kiln, caldron			0		1		0	2	0	0	1	1	0	0	2	2	0	0	0	0	0	1
transmission			13		17		21	13	15	14	12	11	12	19	13	16	12	12	17	22	16	12
electric power facilities			8		4		3	6	11	2	5	5	6	7	4	2	5	4	5	2	5	3
other electrical equipment			11		9		9	7	7	7	5	12	5	1	9	4	7	10	3	4	3	9
human power cranes			13		15		9	6	8	8	4	4	12	5	7	5	5	4	6	5	8	15
human power hauling equipment			43		42		37	48	50	62	33	31	45	39	35	62	40	33	18	36	34	20
human power machine			18		12		17	14	14	10	6	10	9	14	11	7	5	5	6	7	3	6
hand tool			684		588		505	454	406	368	286	349	309	305	336	287	250	265	249	264	241	213
ladder			1,785		1,654		1,613	1,655	1,497	1,346	1,202	1,142	1,213	1,315	1,251	1,309	1,142	1,080	1,054	1,018	1,028	996
slinging tool			73		74		92	72	72	70	45	48	42	53	48	47	47	49	53	48	41	33
other tools			203		165		149	197	197	176	124	114	140	131	138	132	121	126	144	127	117	127

substances			26		17		19	14	23	20	14	4	13	11	13	20	13	19	15	20	16	26
metal material			1,088		1,028		955	982	892	781	640	601	632	690	711	710	617	553	598	559	560	553
lumber, bamboo			662		547		492	460	437	395	315	310	280	311	319	290	246	249	234	220	254	237
stone, sand, substance			145		136		118	123	115	90	71	78	80	75	67	82	51	66	51	72	69	51
other materials			320		275		274	242	260	230	163	204	213	196	215	212	184	180	142	161	151	181
load			315		266		240	243	254	224	205	170	176	169	195	195	167	147	146	150	199	190
machine/equipment as load			81		69		53	48	58	49	41	47	38	46	57	29	31	23	31	25	32	31
natural ground, rock			85		65		77	83	73	63	45	48	59	50	58	53	55	41	37	45	45	57
standing tree			32		27		32	20	28	27	35	37	25	23	32	20	39	27	26	31	23	23
water			0		5		6	8	1	5	2	8	76	1	1	2	2	1	3	2	2	1
abnormal environment			0		7		2	1	1	3	0	6	10	5	1	0	6	3	3	1	1	1
high/cold temperature environment			66		51		39	69	59	51	26	92	84	85	91	90	63	68	72	126	85	113
other environments			83		53		80	103	48	65	38	53	66	87	86	94	73	64	75	77	52	65
other causal agent			78		84		63	72	69	43	39	32	44	38	41	42	50	38	58	50	35	154
no causal agent			220		201		166	178	164	170	193	162	161	155	143	153	156	128	169	163	172	198
unclassifiable			24		14		14	18	19	16	9	11	3	8	6	13	7	3	2	8	3	1
total			16,538		14,673		13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194

Workers age of industrial accidents in construction work in 1999-2020

Hokkaido	1,050	967	887		768		782	754	631	614	500	536	506	546	549	596	563	502	463	505	537	472
Aomori	267	222	249		197		151	158	134	131	111	113	127	122	131	141	108	140	125	127	142	117
Iwate	227	201	212		165		175	171	156	133	126	110	186	156	187	148	148	149	140	135	122	120
Miyagi	268	288	242		280		237	214	222	196	174	167	334	340	280	239	216	239	179	156	191	156
Akita	256	216	213		211		171	222	161	147	131	128	150	145	123	154	115	116	115	131	115	101
Yamagata	261	256	233		180		210	192	138	140	96	134	122	167	161	139	117	111	100	156	107	102
Fukushima	291	263	276		275		234	231	187	194	179	146	226	254	235	262	187	181	164	145	154	187
Ibaraki	340	337	310		249		282	229	219	212	170	170	279	241	176	192	167	165	181	153	154	164
Tochigi	209	214	172		177		164	160	154	165	140	136	168	162	156	110	127	137	111	113	92	109
Gunma	303	298	281		228		216	207	186	161	126	143	147	162	157	175	146	118	138	163	139	133
Saitama	556	639	627		673		603	585	662	499	453	472	464	446	488	539	427	380	388	362	328	343
Chiba	555	657	642		535		462	504	474	448	395	375	375	352	368	406	370	295	296	283	343	392
Tokyo	1,234	1,267	1,384		1,345		1,269	1,253	1,352	1,191	948	935	1,016	985	1,063	1,063	838	799	832	816	842	695
Kanagawa	978	993	990		904		804	854	792	675	523	567	548	626	603	567	514	495	445	449	487	488
Niigata	526	484	509		395		480	478	403	412	347	359	324	318	336	276	287	228	230	246	247	247
Toyama	236	200	216		151		176	148	136	123	100	102	111	138	109	93	110	90	97	94	98	94
Ishikawa	112	148	129		106		88	107	75	85	100	80	80	83	89	97	75	76	75	81	71	65
Fukui	135	136	126		105		105	122	97	77	67	86	74	74	49	52	62	42	47	83	67	63
Yamanashi	107	119	94		79		81	81	72	59	35	53	50	64	62	65	68	51	38	48	64	50
Nagano	353	322	335		300		258	244	230	189	152	161	163	163	162	167	187	152	147	168	147	157
Gifu	365	353	333		280		238	237	233	186	159	145	147	122	152	146	127	128	121	139	128	131
Shizuoka	577	546	493		435		415	465	407	416	322	302	325	340	359	314	256	265	258	258	256	261

Oita	258	243	193		219		181	191	150	126	105	92	124	92	105	117	101	107	70	91	96	108
Miyazaki	165	148	130		144		123	128	119	103	81	87	80	90	71	88	60	88	87	85	84	99
Kagoshima	217	203	168		164		170	150	131	139	109	95	122	131	158	153	161	148	143	162	159	159
Okinawa	77	107	79		82		108	100	94	108	112	87	102	108	109	143	124	112	158	150	164	139
total	17,360	17,037	16,538		14,673		13,703	13,694	12,539	11,245	9,290	9,208	9,958	10,021	10,069	9,955	8,909	8,569	8,306	8,554	8,417	8,194

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html

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Fatal accidents in construction work in Japan in 1999-2020

construction work industry Code No.0302

Type of fatal accidents in construction work in 1999-2020

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
fall from height	176	183	170	161	146	163	114	115	120	108	89	96	94	94	102	104	84	80	81	84	67	56
falling to same level	4	5	3	4	3	5	2	1	3	2	2	3	1	2	3	3	4	1	4	1	3	1
crash	1	1	3	2	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0
struck by flying or falling object	11	7	12	13	10	12	15	14	5	15	6	9	3	8	8	7	9	6	7	11	10	2

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	1	1	1	1	2	1	2	3	1	0	1	1	2	1	1	0	0	0	0	0
construction machine	19	20	14	19	9	20	13	17	15	14	13	8	7	11	10	14	9	12	6	10	13	5
metal manufacturing machine	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
general machine	1	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	2
mobile silviculture machine																	0	0	0	0	0	0
crane	9	10	15	5	8	4	12	11	10	5	5	3	9	9	9	7	5	4	4	3	7	4
conveying machine	16	23	15	16	14	18	13	15	10	12	9	10	14	9	9	13	10	12	11	9	6	6
vehicle	17	29	15	14	11	10	16	12	9	7	6	10	16	5	6	9	8	10	11	7	6	9
pressure vessel	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	1	0	1	1	1	1	0	0	0	2	0	3	0	0	0	2	1	0	1	0	1	1
kiln, caldron	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	2	3	3	2	0	2	3	3	3	2	2	1	1	2	2	2	1	2	0	2	1	2
human power machine, tools	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
tools	20	14	17	16	17	20	10	11	9	8	7	16	8	10	14	10	6	11	12	11	9	4
other equipments, facilities	1	1	1	0	1	1	2	1	0	1	1	1	0	0	0	0	0	2	0	1	1	1
temporary buildings, establishments	165	174	157	156	144	153	111	114	116	113	87	89	86	89	93	95	80	72	78	80	61	50
hazards, harmful substances	4	1	1	1	2	5	0	4	8	1	2	3	1	2	1	2	6	2	0	0	2	1
materials	3	3	1	8	2	9	5	7	2	4	3	2	1	3	2	3	1	1	4	2	2	4

load	4	0	2	3	1	2	2	1	1	2	0	1	1	0	3	0	1	3	2	2	6	0
natural environment	11	12	13	12	9	15	9	20	9	3	8	6	84	9	6	9	11	7	6	11	7	7
other causal agent	1	0	0	0	2	2	4	3	0	0	0	0	0	0	0	0	2	0	0	0	0	2
no causal agent	1	0	0	0	0	0	1	2	4	1	2	0	1	3	2	5	4	0	1	1	3	3
unclassifiable	1	0	0	1	0	0	0	1	1	1	2	1	0	0	0	2	2	0	1	0	0	0
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Causal agents (small) of fatal accidents in construction work in 1999-2020

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
circular sawing machine	0	0	1	1	1	1	2	1	1	2	1	0	0	1	2	1	1	0	0	0	0	0
band sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
other woodworking machines	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine	3	0	1	0	2	0	1	0	4	0	1	1	0	0	2	0	0	2	0	0	1	0
excavating machine	7	9	6	9	2	8	4	9	5	6	4	5	2	3	4	4	5	4	1	3	7	1

other equipment, facilities	1	1	1	0	1	1	2	1	0	1	1	1	0	0	0	0	0	2	0	1	1	1
scaffolding	54	41	47	36	38	39	32	25	28	29	21	29	19	15	26	33	21	9	24	16	18	14
timbering	1	0	2	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0
stairs, landing stage	2	3	1	2	1	4	2	0	4	2	3	0	3	1	2	3	0	1	1	3	2	0
opening	4	9	14	11	5	9	7	14	7	8	5	3	6	9	3	4	8	6	3	7	3	2
roof, beam, haze, crossbeam, principal rafter	66	62	62	63	55	63	43	44	44	40	31	32	37	36	44	29	38	32	25	34	23	19
working platform, boot board	12	9	3	9	10	8	4	6	8	6	8	1	6	3	3	3	2	4	3	4	3	2
passage	0	3	0	1	0	2	1	2	0	0	0	2	1	2	0	2	0	0	1	2	1	0
building, establishment	26	40	23	28	29	20	19	19	20	26	13	17	12	20	14	18	9	17	11	12	7	10
other temporary buildings, establishments	0	7	5	5	6	7	3	4	5	2	5	5	2	3	1	2	2	3	9	2	4	3
explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	1	0	0	0	0	0	3	5	0	2	0	0	1	1	0	2	1	0	0	0	0
inflammable gas	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	2	0	0	0	2	1
harmful substance	3	0	0	1	2	2	0	1	3	1	0	2	1	1	0	2	2	1	0	0	0	0
radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal material	1	1	1	4	0	4	3	3	2	3	2	0	0	2	2	3	0	0	2	1	1	3
lumber, bamboo	2	1	0	2	0	4	1	4	0	1	0	1	1	1	0	0	1	0	0	0	1	0
stone, sand, substance	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
other materials	0	1	0	2	1	0	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1
load	3	0	2	3	1	2	1	1	1	2	0	1	0	0	3	0	0	2	1	2	6	0

machine/equipment as load	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0
natural ground, rock	1	2	3	4	0	5	1	4	2	1	2	0	3	1	0	3	3	2	0	0	1	1
standing tree	0	1	0	0	0	0	0	4	1	0	0	1	0	2	0	1	0	1	0	1	0	0
water	1	0	1	1	1	1	0	0	0	0	1	0	74	0	0	0	0	0	1	0	0	1
abnormal environment	0	2	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0
high/cold temperature environment	8	6	9	7	6	8	8	9	6	2	5	5	4	5	4	5	7	4	5	8	5	5
other environments	1	1	0	0	1	1	0	3	0	0	0	0	2	0	2	0	1	0	0	2	0	0
other causal agent	1	0	0	0	2	2	4	3	0	0	0	0	0	0	0	0	2	0	0	0	0	2
no causal agent	1	0	0	0	0	0	1	2	4	1	2	0	1	3	2	5	4	0	1	1	3	3
unclassifiable	1	0	0	1	0	0	0	1	1	1	2	1	0	0	0	2	2	0	1	0	0	0
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Workers age of fatal accidents in construction work in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	3	8	3	3	8	7	5	3	4	3	5	5	1	4	5	5	5	3	3	3	0	3
20-29	45	38	33	47	40	28	30	28	26	17	33	20	25	13	12	21	15	14	16	19	14	11
30-39	21	37	41	33	22	32	23	29	29	28	22	20	34	28	21	25	17	21	17	18	14	14
40-49	58	43	41	30	31	29	28	31	27	32	20	18	32	19	28	27	22	29	36	19	21	17
50-59	79	88	68	73	62	85	66	78	45	41	34	41	67	36	30	30	34	30	20	25	27	29
60 years old or more	71	78	70	74	63	83	51	56	68	60	34	52	73	53	64	66	56	43	45	55	49	28
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Workers' number of workplace of fatal accidents in construction work in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	168	169	136	173	138	175	120	149	133	122	92	100	157	104	112	98	97	86	105	94	83	70
10-29	76	92	78	54	59	67	59	52	45	35	38	45	55	42	33	52	37	33	29	33	30	23
30-49	18	15	25	17	18	14	11	11	14	11	11	8	15	5	4	13	9	16	2	3	7	8
50-99	8	7	12	10	8	4	11	7	5	9	6	0	2	1	5	7	4	1	0	5	2	1
100-299	5	8	5	2	3	3	1	4	2	3	1	3	3	1	4	4	2	4	1	4	2	0
300 workers or more	2	1	0	4	0	1	1	2	0	1	0	0	0	0	2	0	0	0	0	0	1	0
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Month of fatal accidents in construction work in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	30	14	14	14	18	13	13	9	16	13	10	15	9	12	11	8	11	12	4	13	7	8
February	18	21	21	23	9	19	20	23	14	13	12	12	14	15	9	17	8	9	13	8	18	8
March	23	30	22	18	21	24	23	19	18	13	15	11	82	15	10	20	13	13	11	7	10	12
April	20	26	17	25	19	15	20	17	12	16	8	9	9	6	5	7	13	11	14	6	9	6
May	18	18	21	11	24	12	9	12	14	13	5	10	14	12	11	19	11	6	7	10	8	4
June	26	21	16	11	7	14	15	13	18	11	15	12	16	13	16	14	10	8	6	15	5	9
July	25	34	31	31	24	33	17	29	14	16	15	13	15	19	15	17	14	10	19	16	14	10

August	20	30	24	23	28	28	19	26	22	17	19	22	11	17	12	20	19	13	18	12	13	10
September	18	16	23	19	18	39	8	17	19	21	9	15	15	8	14	17	19	14	13	20	11	15
October	24	28	31	21	23	27	15	19	17	16	13	9	15	12	17	14	15	17	9	12	7	8
November	25	24	14	25	22	20	25	24	17	19	18	14	16	13	19	12	8	18	17	7	13	5
December	30	30	22	39	13	20	19	17	18	13	9	14	16	11	21	9	8	9	6	13	10	7
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Prefecture of fatal accidents in construction work in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	17	20	11	18	9	12	8	11	9	12	9	12	5	10	8	7	9	15	6	6	9	6
Aomori	3	4	6	0	3	1	1	1	0	4	2	3	0	3	1	1	1	1	1	0	3	0
Iwate	2	2	5	3	3	4	2	2	2	1	1	0	23	3	3	3	3	3	5	2	1	2
Miyagi	2	13	4	4	6	2	4	5	0	3	2	0	59	5	5	3	4	1	3	3	4	2
Akita	8	2	2	2	2	2	0	3	3	2	3	2	0	0	3	3	6	2	2	4	0	1
Yamagata	4	1	4	5	1	2	1	3	1	2	0	3	1	3	4	4	1	1	1	3	3	3
Fukushima	9	4	3	5	3	5	3	1	4	8	0	0	10	3	5	3	4	3	3	3	1	4
Ibaraki	5	7	6	10	6	10	2	6	10	3	3	4	8	2	5	6	3	5	3	2	3	1
Tochigi	5	2	5	3	4	4	3	3	2	4	0	3	5	3	1	5	3	3	2	1	2	0
Gunma	3	2	3	7	3	5	0	2	2	4	2	3	1	4	3	4	1	1	0	3	0	0
Saitama	8	14	14	11	12	12	12	9	5	9	9	7	5	9	9	10	7	2	7	7	3	4
Chiba	13	10	14	17	14	10	4	8	10	11	6	8	5	9	11	11	7	4	4	4	7	4

Hiroshima	5	6	4	5	3	12	6	3	4	3	0	2	1	2	4	4	3	3	1	2	1	2
Yamaguchi	8	6	3	4	3	2	1	3	3	0	4	0	1	2	1	4	2	5	2	1	2	1
Tokushima	2	1	1	3	3	4	1	0	1	0	1	0	0	3	1	2	0	2	1	0	0	2
Kagawa	6	1	1	6	0	2	4	4	3	1	1	1	1	2	0	1	2	2	1	0	0	1
Ehime	3	3	2	4	2	6	4	2	3	2	0	2	1	2	1	1	1	1	1	3	5	1
Kochi	3	1	1	0	1	1	3	0	1	2	1	0	0	1	1	2	0	2	2	2	3	0
Fukuoka	9	12	8	11	6	10	8	6	8	8	7	9	7	7	6	6	6	9	5	7	2	5
Saga	3	2	2	1	0	0	3	2	1	0	0	2	0	1	1	1	0	2	2	2	0	1
Nagasaki	2	4	5	3	4	8	3	2	1	4	4	0	2	2	3	2	5	3	1	4	2	3
Kumamoto	7	8	2	2	4	5	4	3	0	1	3	0	3	2	1	0	3	5	10	3	0	4
Oita	3	2	3	1	1	2	3	3	1	2	2	1	2	2	1	2	1	1	0	1	0	0
Miyazaki	7	2	2	4	3	0	2	3	1	0	1	0	1	0	0	1	1	0	2	0	2	3
Kagoshima	7	2	3	0	1	6	1	5	2	3	1	2	1	2	2	3	1	1	4	1	4	1
Okinawa	2	1	2	3	1	1	1	4	3	2	6	2	2	0	1	1	3	1	4	1	3	5
total	277	292	256	260	226	264	203	225	199	181	148	156	232	153	160	174	149	140	137	139	125	102

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

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